

Angular Line of Business Applications

Hands-On Lab 3: ROUTING

PREP: Starting Files

Repository: <https://github.com/DeborahK/AngularU2015>

Folder: **HandsOnLabs**

Starting Files: **MovieHunter Take3 – Routing**

Key Tasks:

1. index.html
 - a. Add the script tag for **Scripts/angular-route.js**
 - b. Add the script tag for the new detail controller: **app/movies/movieDetailCtrl.js**
 - c. Notice the `<nav></nav>` Bootstrap styles added to display the menu.
 - d. Replace the `ng-include` directive with the `ng-view` directive.
2. app.js
 - a. Add **ngRoute** as a dependency when defining the movieHunter module.
 - b. Examine the routing code.
3. movieDetailView.html
 - a. Review the code in this new file.
 - b. Notice the use of the Bootstrap grid columns.
 - c. Modify the back button to add the `ng-href` to activate the **#searchByTitle** route.
4. movieDetailCtrl.js
 - a. Review the code in this new file.
5. movieListView.html
 - a. Example the anchor tag used to navigate to the `#showDetail` route.
6. Run the application
 - a. The main page should appear with a menu and welcome icon.
 - b. Selecting the Search by Title menu option should display the list of movies.
 - c. Clicking on a movie should display the movie detail.
 - i. NOTE: The one hard-coded movie define in the movieDetailCtrl file will always appear here regardless of the movie selected on the Search by Title page.

Extra Tasks (as time permits):

7. Add another route to the list of routes for an “about” view (with no controller).
 - a. Rough out an HTML fragment for this view (about.html).
 - b. Add the route to **app.js**
 - c. Add a menu option for the route to **index.html**.
8. Run the application and ensure that your “about” page appears when selected.

LAB 3 Code

index.html

```
<div class="container">
  <div ng-view></div>
</div>
```

app.js

```
(function () {
  "use strict";

  var app = angular.module("movieHunter", ["ngRoute"]);

  app.config(["$routeProvider",
    function ($routeProvider) {
      $routeProvider
        .when("/", {
          templateUrl : "app/welcomeview.html"
        })
        .when("/searchByTitle", {
          templateUrl : "app/movies/movieListView.html",
          controller : "MovieListCtrl as vm"
        })
        .when("/showDetail/:movieId", {
          templateUrl : "app/movies/movieDetailView.html",
          controller : "MovieDetailCtrl as vm"
        })
        .otherwise("/");
    }
  ]);
}());
```

movieDetailView.html

```
<div class="panel-footer">
  <a class="btn btn-default"
    ng-href="#searchByTitle"
    style="width:80px">
    <i class="glyphicon glyphicon-chevron-left"></i>
    Back
  </a>
</div>
```